

Timing on Lake Erie

Perry's Victory and International Peace Memorial Quarter

Grades Four through Six



OBJECTIVEG

Students will demonstrate an understanding of sequencing. Students will demonstrate an understanding of elapsed time.



SUBJECT AREA CONNECTIONS

- Social Studies
- Math



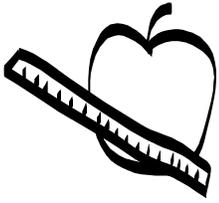
SUMMARY

1. Display and examine the “Perry’s Victory and International Peace Memorial Quarter” page or use the zoom feature at www.usmint.gov/mint_programs/atb/?local=PerrysVictory. Locate this site on a class map. Note its position in relation to your school’s location. Tell the students that the front of a coin is called the “obverse” and the back is called the “reverse.” As background information, explain to the students that the United States Mint began to issue the quarters in the America the Beautiful Quarters® Program in 2010. By the time the program ends in 2021, there will be a total of 56 designs. Each design will focus on a different national site—one from each state, territory and the District of Columbia.
2. Introduce the students to the historical figure of Oliver Hazard Perry. Locate and display an image of Perry and share biographical information about Perry using the links under “Resources” below.
3. Direct the students to a description of the Battle of Lake Erie [wukpi "lphqto cvkqp"ltqo yj g"oTguqwteguö"delow](#). Have students read aloud the information about the battle.
4. Distribute one pair of “Battle Time Scramble” worksheets to each student. Explain the goals: sequencing the events and calculating elapsed time between events.
5. Using the information learned about Perry, the battle and the sequence of events, guide the students to discuss the significance of this battle in the War of 1812.



ASSESSMENTG

- Take anecdotal notes about the students’ participation in class discussions and activities.
- Evaluate the students’ worksheets for understanding of lesson objectives.



Timing on Lake Erie



RESOURCES

- Worksheets:
 - "öPerry's Victory and International Peace Memorial Quarterö
 - "öBattle Time Scramble, Page 1ö
 - "öBattle Time Scramble, Page 2ö
 - "öBattle Time Scramble, Keyö
- Age-appropriate, relevant Y eb sites, such as:
 - Oliver Perry image: www.history.navy.mil/photos/hi-res/KN%2000001/KN-2783.jpg
 - Oliver Perry biographical information: www.history.navy.mil/bios/perry_oliver_h.htm
 - Perry's Victory and International Peace Memorial: www.nps.gov/pevi/index.htm

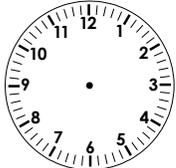
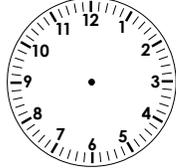
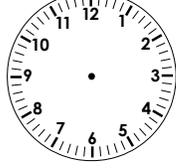
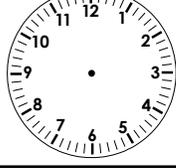
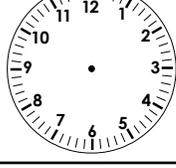
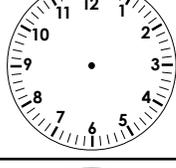
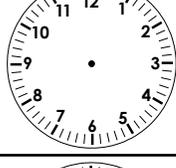
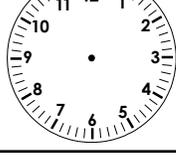


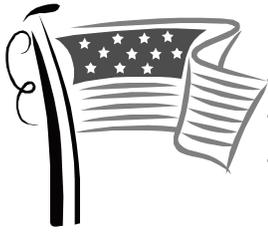
Name _____

Battle Time Scramble

Page 1

Directions: Sequence the events in chronological order. Draw the correct time of each event on the clock face.

ORDER	EVENT	TIME
	Perry boards a rowboat from the <i>Lawrence</i> at 2:30 p.m. and rows a mile through the explosions to the <i>Niagara</i> , which is undamaged.	
	By 12:15 p.m., the <i>Lawrence</i> is now dead in the water as the whole British fleet continues to bombard it.	
	The sails of the American flagship <i>Lawrence</i> fill with wind and the ship proceeds towards the HMS <i>Detroit</i> at 10:00 a.m.	
	The British surrender one by one at five o'clock. The last two gunboats attempt to escape but are chased down and captured. Perry captures two ships, two brigs, one schooner and one sloop.	
	At 7:00 a.m., the British flagship HMS <i>Detroit</i> meets Captain Perry.	
	HMS <i>Detroit</i> fires at 11:45 a.m. from a long range at the <i>Lawrence</i> and misses. A second shot impacts through the bulwark of the <i>Lawrence</i> .	
	Perry orders the <i>Scorpion</i> and the <i>Ariel</i> at noon to open fire.	
	The <i>Niagara</i> , with Commodore Perry aboard, prepares to pass through the enemy's line at 2:45 p.m.	



Name _____

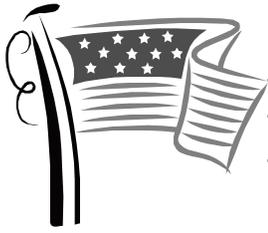
Battle Time Scramble

Page 2

Directions: Solve the word problems to determine elapsed time. Show your calculations.



EVENTS	CALCULATION
1. At 7:00 a.m., the British flagship <i>HMS Detroit</i> meets Captain Perry. The British surrender one by one at 3:05 p.m. The last two gunboats attempt to escape but are chased down and captured. Perry captures two ships, two frigates and one sloop. How long did the Battle of Lake Erie last?	Answer:
2. The sails of the American flagship <i>Lawrence</i> fill with wind and she proceeds towards the <i>HMS Detroit</i> at 10:00 a.m. By 12:15 p.m., the <i>Lawrence</i> is now dead in the water as the whole British fleet continues to bombard it. How long did it take before the <i>Lawrence</i> is destroyed?	Answer:
3. Perry boards a rowboat from the <i>Lawrence</i> at 2:30 p.m. and rows a mile through the explosions to the <i>Niagara</i> , which is undamaged. The British begin to surrender at 3:05 p.m. The last two gunboats try to escape but are captured. Perry captures two ships, two brigs, one schooner and one sloop. How much time passed between Perry leaving the <i>Lawrence</i> and the British surrender?	Answer:
4. Perry orders the <i>Scorpion</i> and the <i>Ariel</i> at noon to open fire. The <i>Niagara</i> , with Commodore Perry aboard, prepares to pass through the enemy's line at 2:45 p.m. How much time elapsed between Perry's orders and the <i>Niagara</i> passing through enemy lines?	Answer:
5. Perry boards a rowboat from the <i>Lawrence</i> at 2:30 p.m. and rows a mile through the explosions to the <i>Niagara</i> , which is undamaged. The <i>Niagara</i> , with Commodore Perry aboard, prepares to pass through the enemy's line at 2:45 p.m. How much time elapsed between Perry boarding the rowboat and preparing to pass through the enemy lines?	Answer:



Battle Time Scramble

Key

PAGE 1: ORDER OF EVENTS

- 6. Perry boards a rowboat from the *Lawrence* at 2:30 p.m. and rows a mile through the explosions to the *Niagara*, which is undamaged.
- 5. By 12:15 p.m., the *Lawrence* is now dead in the water as the whole British fleet continues to bombard it.
- 2. The sails of the American flagship *Lawrence* fill with wind and the ship proceeds towards the HMS *Detroit* at 10:00 a.m.
- 8. The British surrender one by one at 5:27 p.m. The last two gunboats attempt to escape but are chased down and captured. Perry captures two ships, two brigs, one schooner and one sloop.
- 1. At 7:00 a.m., the British flagship HMS *Detroit* meets Captain Perry.
- 3. HMS *Detroit* fires at 11:45 a.m. from a long distance at the *Lawrence* and misses. A second shot is fired and impacts through the bulwark of the *Lawrence*.
- 4. Perry orders the *Scorpion* and the *Ariel* at noon to open fire.
- 7. The *Niagara*, with Commodore Perry aboard, prepares to pass through the enemy's line at 2:45 p.m.



PAGE 2: ELAPSED TIME WORD PROBLEMS

- How long did the Battle of Lake Erie take? 8 hrs. 5 min.
- How long did it take before the *Lawrence* was destroyed? 5 hrs. 15 min.
- How much time elapsed between Perry leaving the *Lawrence* and the British surrender? 35 min.
- How much time elapsed between Perry's orders and the *Niagara* passing through enemy lines? 2 hrs. 45 min.
- How much time elapsed between Perry boarding the rowboat and preparing to pass through the enemy lines? 15 min.



Perry's Victory and International Peace Memorial Quarter



The United States of America

